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1. THE FOLLOWING IS AN EVALUATION OF FILM FROM INSTRUMENT TYPE IIC, SERIAL NO 1, WHICH WAS EMPLOYED IN TESTS 1210 AND 1213.

2. ORIGINAL NEGATIVES, TEST 1210:

A. FRAME A-81: THIS EXPOSURE WAS MADE OVER LOW CONTRAST TERRAIN WITH FEW CULTURAL FEATURES. THE RESOLUTION IS ONLY FAIR. GROUND DETAILS SUCH AS HIGHWAY DIVIDER MARKS, TRANSMISSION POLES AND LINES, VEHICLE TRACKS, ETC., ARE IDENTIFIABLE BUT IMAGERY, IN GENERAL, IS NOT CRISP. IMAGE DEGRADATION IS APPARENT ALONG THE FORMAT EDGES BUT ITS EXTENT IS DIFFICULT TO ASSESS IN THE ABSENCE OF SIGNIFICANT CULTURAL AREAS. CONTINUOUS, NARROW, MINUS-DENSITY STREAKS RUN PARALLEL TO EACH OTHER THROUGHOUT THE FORMAT.

B. FRAME B-126: RESOLUTION RANGES FROM FAIR TO GOOD. STUDY OF THE BUILT-UP AREA REVEALS THE EXISTENCE OF VARIOUS SOFT SPOTS IN THE PHOTOGRAPHY AND VERIFIES THE IMAGE DEGRADATION OF OBJECTS ADJACENT TO THE FORMAT EDGES. THIS FRAME ALSO CONTAINS THE MINUS DENSITY STREAKS PREVIOUSLY NOTED.

3. ORIGINAL NEGATIVES, TEST 1213:

A. FRAME A-215: THE IMAGERY IS GENERALLY SHARP, WITH FEW

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Excluded from automatic
downgrading and
declassification

AREAS OF SOFT PHOTOGRAPHY PRESENT. RESOLUTION IS GOOD. THIS RUN WAS MADE AT A CONSIDERABLE INCREASED ALTITUDE, YET DETAILS SUCH AS THE HOOD/WINDSHIELD/REAR DECK SEPARATIONS OF VEHICLES ARE READILY DETECTED. TRANSMISSION AND STREET LIGHT POLES ARE EASILY IDENTIFIED. THE EDGE DEGRADATION AND MINUS-DENSITY STREAKS NOTED IN ITEMS A AND B OF SECTION 3 ARE PRESENT.

B. FRAME A-246: THIS EXPOSURE COVERS THE SAME TARGET AREA AS FRAME B-126 IN TEST 1210. THE IMAGERY IS NOTICEABLE SHARPER WITH IMPROVEMENT OF RESOLUTION. IT MAY BE SIGNIFICANT THAT THE PRIMARY TARGET AREA IS HERE POSITIONED NEAR NADIR WHILE IN FRAME B-126 IT IS NEAR THE EDGE OF THE FORMAT. AS IN ALL FRAMES PREVIOUSLY EXAMINED, IMAGE DEGRADATION ALONG THE FORMAT EDGES AND CONTINUOUS, PARALLEL MINUS-DENSITY STREAKS ARE NOTED.

4. SUMMARY OF COMPARATIVE QUALITY, TESTS 1210 AND 1213. THE PHOTOGRAPHY OBTAINED IN TEST 1213 IS SUPERIOR TO THAT ACHIEVED IN TEST 1210. THE MATERIAL FROM BOTH TEST RUNS IS SUBJECT TO A FALL-OFF IN IMAGE QUALITY ALONG THE FORMAT EDGES AND ALL FRAMES CONTAIN MINUS-DENSITY STREAKS. THE DATA RECORD AND TIME TRACK INCLUDED IN THE TEST 1213 MATERIAL ARE GOOD.

T O P S E C R E T

-END OF MESSAGE-